

FORM PTO-449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

KCC-16,588

10/023,457

APPLICANT(S)

Laurie COUTURE-DORSCHNER et al.

FILING DATE

GROUP

17 December 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,145,763	03/1979	Abrams et al.	2	403	
	AB	4,205,679	06/1980	Repke et al.	128	287	
	AC	4,402,690	09/1983	Redfern	604	391	
	AD	4,610,680	09/1986	LaFleur	604	385 A	
	AE	4,615,695	10/1986	Cooper	604	385 A	
	AF	4,699,622	10/1987	Toussant et al.	604	389	
	AG	5,087,253	02/1992	Cooper	604	385.1	
	AH	5,779,831	07/1998	Schmitz	156	73.1	
	AI	5,785,699	07/1998	Schmitz	604	391	
	AJ	5,795,350	08/1998	Schmitz	604	391	
	AK	5,830,206	11/1998	Larsson	604	390	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	1 520 740	08/1978	GB	A41B	13/02		
	AM	0 757 550 B1	12/1998	EP	A61F	13/56		
	AN	WO 00/23025	04/2000	PCT	A61F	13/62		
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KCC-2123

USCOMM-DC 80-3985

P1005.4/ mrc

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

KCC-16,588

10/023,457

MAY 30 2003

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

Laurie COUTURE-DORSCHNER et al.

FILING DATE

GROUP

17 December 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	AA	5,897,545	04/1999	Kline et al.	604	386	
	AB	US 6,328,725 B2	12/2001	Fernfors	604	391	
	AC	US 6,395,115 B1	05/2002	Popp et al.	156	66	
	AD	US 6,409,858 B1	06/2002	Popp et al.	156	66	
	AE	US 6,432,243 B1	08/2002	Popp et al.	156	204	
	AF	US 6,432,248 B1	08/2002	Popp et al.	156	256	
	AG	US 6,447,628 B1	09/2002	Couillard et al.	156	204	
	AH	US 6,461,344 B1	10/2002	Widlund et al.	604	390	
	AI	US 6,481,362 B2	11/2002	Hietpas et al.	112	475.06	
	AJ	US 6,497,032 B2	12/2002	Maxton et al.	29	429	
JS	AK	US 6,513,221 B2	02/2003	Vogt et al.	29	429	

RECEIVED

JUN 03 2003

TECHNOLOGY CENTER B3700

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR							
	AS							
	AT							

EXAMINER

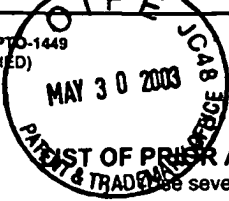

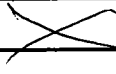

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KCC-2123

USCOMM-DC 80-3985

P1005.4/ mrc

FORM PTO-1449 (MODIFIED) 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KCC-16,588		SERIAL NO. 10/023,457		
		APPLICANT(S) Laurie COUTURE-DORSCHNER et al.						
		FILING DATE 17 December 2001		GROUP				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	US 6,514,187 B2	02/2003	Coenen et al.	493	418		
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER 					DATE CONSIDERED <u>5/2/04</u>			
*EXAMINER: (initial) if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

KCC-2123

USCOMM-DC 80-3985

P1005.4/ mrc

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-16,588

SERIAL NO.

10/023,457

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)



APPLICANT(S)

Laurie COUTURE-DORSCHNER et al.

FILING DATE

17 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,317,449	03/1982	Nowakoski			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

MAILED
MAY 29 2003
GROUP 310

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	GB 2 267 024 A	11/1993	Great Britain				
	AM	WO 95/29657	11/1995	PCT				
	AN	WO 99/65441	12/1999	PCT				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2123

P1005.3/ paf

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-16,588

SERIAL NO.

10/023,457

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Laurie COUTURE-DORSCHNER et al.

FILING DATE

17 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,619,649	10/1986	Roberts			
	AB	4,630,320	12/1986	Van Gompel			
	AC	5,370,634	12/1994	Ando et al.			
	AD	5,662,638	09/1997	Johnson et al.			
	AE	5,855,574	01/1999	Kling et al.			
	AF	6,113,717	09/2000	Vogt et al.			
	AG	6,287,287	09/2001	Elsberg			
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	4-117618	10/1992	Japan			X	
	AM	95/27460	10/1995	PCT				
	AN	95/27462	10/1995	PCT				
	AO	97/23180	07/1997	PCT				
	AP	00/35396	06/2000	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

5/2/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2123

P1005.2/jms

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-16,588

SERIAL NO.

10/023,457

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

Laurie COUTURE-DORSCHNER et al.

FILING DATE

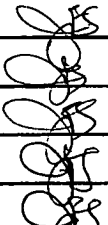
17 December 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

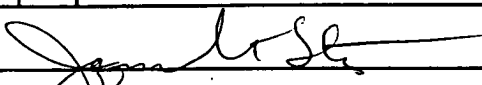
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	00/35398	06/2000	PCT				
	AM	00/37009	06/2000	PCT				
	AN	01/13844	03/2001	PCT				
	AO	01/13845	03/2001	PCT				
	AP	01/13846	03/2001	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER



DATE CONSIDERED

5/2/04

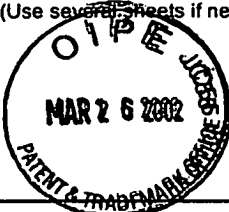
***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985


KCC-2123

P1005.2/jms

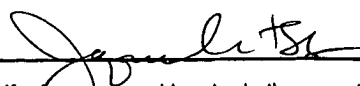
FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KCC-16,588		SERIAL NO. 10/023,457	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) Laurie COUTURE-DORSCHNER et al.			
				FILING DATE 17 December 2001		GROUP	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	01/13847	03/2001	PCT				
	AM	01/13848	03/2001	PCT				
	AN	01/13850	03/2001	PCT				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER 	DATE CONSIDERED 5/2/04
--	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2123

P1005.2/jms

FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. KCC-16,588		SERIAL NO.	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) Laurie COUTURE-DORSCHNER et al.			
				FILING DATE		GROUP	

JC996 U.S. PTO
 10/023457
 12/17/01

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
[Signature]	AA	4,940,464	07/1990	Van Gompel et al.			
	AB	5,224,405	07/1993	Pohjola			
	AC	5,104,116	04/1992	Pohjola			
	AD	5,046,272	09/1991	Vogt et al.			
	AE	4,663,220	05/1987	Wisneski et al.			
	AF	5,226,992	07/1993	Morman			
	AG						
	AH						
	AI						
	AJ						
AK							

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
AL	217 032	02/1992	EPO				
AM							
AN							
AO							
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER	DATE CONSIDERED
[Signature]	5/2/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

KCC-2123

P1005.1/ 10